1. Record Nr. UNISA996385813603316

Autore	Prynne William <1600-1669.>
Titolo	Ardua Regni: or, XII. arduous doubts of great concernment to the Kingdome [[electronic resource]] : requiring a full and speedy resolution : propounded to M. Speaker, and the House of Commons, touching some of their late proceedings against their own suspended, ejected members, and the impeached Lords
Pubbl/distr/stampa	[London, : s.n.], Printed in the yeere 1648
Descrizione fisica	[2], 10 p
Soggetti	Great Britain Politics and government 1642-1649 Early works to 1800
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Anonymous. Attributed to William Prynne. Annotation on Thomason copy: "Feb: 25", "1647"; the 8 in imprint date is crossed out. Reproduction of the original in the British Library.
Sommario/riassunto	eebo-0018

2. Record Nr. UNINA9910960674703321

Titolo	Nanotechnology : environmental, health and safety issues / / William P. Peterson, editor
Pubbl/distr/stampa	New York, : Nova Science Publishers, 2009
ISBN	1-61470-337-X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (169 p.)
Altri autori (Persone)	PetersonWilliam P
Disciplina	620/.509 73
Soggetti	Nanotechnology - Environmental aspects - United States Nanotechnology - Health aspects - United States Nanotechnology - United States - Safety measures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- NANOTECHNOLOGY:ENVIRONMENTAL, HEALTHAND SAFETY ISSUES -- NANOTECHNOLOGY:ENVIRONMENTAL, HEALTHAND SAFETY ISSUES -- CONTENTS -- PREFACE -- Chapter 1NANOTECHNOLOGY AND ENVIRONMENTAL,HEALTH, AND SAFETY:ISSUES FOR CONSIDERATION* -- ABSTRACT -- INTRODUCTION -- OPPORTUNITIES AND CHALLENGES -- IMPORTANCE OF ADDRESSING EHS ISSUES -- SELECTED ISSUES FOR CONSIDERATION -- Federal Investment in EHS Research -- Current Funding Level -- Alternative Approaches -- Management of Federal EHS Research -- Federal Regulation -- International Engagement -- CONCLUDING OBSERVATIONS -- NANOTECHNOLOGY EHS-RELATED LEGISLATIONIN THE 110TH CONGRESS -- H.R. 5940 - National NanotechnologyInitiative Amendments Act of 2008 -- S. 3274 - National Nanotechnology InitiativeAmendments Act of 2008 -- H.R. 3235 - Nanotechnology Advancementand New Opportunities Act -- H. R. 4040 - CPSC Reform Act -- APPENDIX A. SELECTED NANOTECHNOLOGY EHSACTIVITIES OF FEDERAL REGULATORY AGENCIES -- Environmental Protection Agency -- Food and Drug Administration -- National Institute of Environmental HealthSciences/National Toxicology Program -- Occupational Safety and Health Administration/NationalInstitute for Occupational Safety and Health -- Consumer Product Safety Commission -- APPENDIX B. SELECTED INTERNATIONAL ENGAGEMENTEFFORTS OF NNIAGENCIES --

REFERENCES -- Chapter 2STATEMENT OF RICHARD A. DENISON, ENVIRONMENTAL DEFENSE BEFORE THEU.S HOUSE OF REPRESENTATIVES,COMMITTEE ON SCIENCE ANDTECHNOLOGYAT A HEARING ON RESEARCHON ENVIRONMENTAL AND SAFETY IMPACTSOF NANOTECHNOLOGY: CURRENT STATUSOF PLANNING AND IMPLEMENTATIONUNDER THE NATIONAL NANOTECHNOLOGYINITIATIVE, 31 OCTOBER 2007* -- INTRODUCTION [1] -- WHAT IS BEING SPENT -- HOW CURRENT FUNDS ARE BEING SPENT -- NEED FOR A COMPREHENSIVE FEDERAL RISK RESEARCHSTRATEGY - AND THE MEANS TO IMPLEMENT IT -- KEY IMPEDIMENTS TO PROGRESS. RECOMMENDATIONS: CAN THE NNI APPROACHBE MADE TO WORK? -- ATTACHMENT 1. BIOGRAPHY OFRICHARD A. DENISON, PH.D. -- ATTACHMENT 2. ENVIRONMENTAL DEFENSECOMMENTS[18] ON: ENVIRONMENTAL, HEALTH, ANDSAFETY RESEARCH NEEDS FOR ENGINEEREDNANOSCALE MATERIALS, RELEASED SEPTEMBER 15,2006, JANUARY 31, 2007 -- Introductory Statement -- CRITERION 1: RESEARCH THAT WILL DEVELOPTHE "ENABLING INFRASTRUCTURE" -- Other Considerations -- CRITERION 2: INFORMATION THAT WILL FACILITATE"LOOK BACK" STUDIES -- CRITERION 3: SELECTION OF MATERIALS SHOULD FOCUSON KEY CONCERNS RELATED TO TOXICITY ANDBIOLOGICAL RESPONSE -- CRITERION 4: SELECTION OF RELEVANTMATERIALS AND METHODS -- Additional Comments: Need for Public Databasefor Nanomaterial EHS Data -- REFERENCES -- Chapter 3STATEMENT OF THE AMERICAN CHEMISTRYCOUNCIL AT THE HEARING ON RESEARCHON ENVIRONMENTAL AND SAFETY IMPACTSOF NANOTECHNOLOGY: CURRENT STATUSOF PLANNING AND IMPLEMENTATION UNDERTHE NATIONAL NANOTECHNOLOGYINITIATIVE, PAUL D. ZIEGLER, ACCNANOTECHNOLOGY PANEL BEFORE THEHOUSE COMMITTEE ON SCIENCE ANDTECHNOLOGY,OCTOBER 31, 2007* -- INTRODUCTION -- I. IMPROVED FEDERAL COORDINATION ANDSUPPORT ARE ESSENTIAL FOR THE RESPONSIBLEDEVELOPMENT OF NANOTECHNOLOGY ANDITS COMMERCIAL ACCEPTANCE -- II. THE PANEL URGES AS AN APPROPRIATE NEXT STEP THEFUNDING OF AN INDEPENDENT REVIEW BY THE NATIONALRESEARCH COUNCIL BOARD OF ENVIRONMENTALSTUDIES AND TOXICOLOGY (BEST) TO ESTABLISH EHSRESEARCH PRIORITIES FOR MANUFACTUREDNANOMATERIALS AND A SUBSTANTIAL INCREASE INFEDERAL FUNDING OF EHSPROGRAMS FORMANUFACTURED NANOMATERIALS -- III. IDENTIFYING AND MINIMIZING POTENTIAL HEALTHAND ENVIRONMENTAL RISKS IS CONSISTENT WITH THERESPONSIBLE DEVELOPMENT OF NANOTECHNOLOGY -- IV. CONCLUSION -- REFERENCES. Chapter 4UNITED STATES HOUSE OFREPRESENTATIVES COMMITTEE ONSCIENCE AND TECHNOLOGY, HEARING ON:"RESEARCH ON ENVIRONMENTAL ANDSAFETY IMPACTS OF NANOTECHNOLOGY: CURRENT STATUS OF PLANNING ANDIMPLEMENTATION UNDER THE NATIONALNANOTECHNOLOGY INITIATIVE",TESTIMONY OF:ANDREW D. MAYNARD,PROJECT ON EMERGINGNANOTECHNOLOGIES,WOODROW WILSONINTERNATIONAL CENTER FOR SCHOLARS,WASHINGTON, DC, OCTOBER 31, 2007* -- OVERVIEW -- EXECUTIVE SUMMARY -- WHAT IS NEEDED TO MAKE NANOTECHNOLOGY WORK? -- 1. Acknowledging the Possibility of Unconventional Behavior -- 2. Leadership in Nanotechnology EHS Research -- 3. An Effective Strategic Framework -- 4. Mechanisms to Get the Job Done -- 5. Sufficient Resources to Address Critical Challenges -- HOW DO THE FEDERAL GOVERNMENT'SACTIONS MATCH UP TO WHAT IS NEEDED? -- 1. Acknowledging the Possibility of Unconventional Behavior -- 2. Leadership in Nanotechnology EHS Research -- 3. An Effective Strategic

Framework -- 4. Mechanisms to Get the Job Done -- 5. Sufficient Resources to Address Critical Challenges -- CONCLUSIONS -- RESPONSES TO SPECIFIC QUESTIONS -- Reaction to the Recent NEHI Report -- Potential for Outside Groups to Influence the Planning Process -- Are These The Right Research Priorities? -- Will the "Next Steps" Achieve the Desired Goal? -- EHS Research Priority -- Funding Levels -- Agency Roles -- Balancing Responsibilities and Resources -- ANNEX: GOALS AND ELEMENTS OF AN EFFECTIVE EHSSTRATEGIC RESEARCH FRAMEWORK -- Strategic Goals -- Key Elements of a Strategic Framework -- BIOGRAPHY OF ANDREW MAYNARD -- REFERENCES.
Chapter 5TESTIMONY TO THE HOUSESUBCOMMITTEE ON RESEARCH ANDSCIENCE EDUCATION, E. CLAYTONTEAGUE, NATIONAL NANOTECH NOLOGYCOORDINATION OFFICE, HEARING ONRESEARCH ON ENVIRONMENTAL ANDSAFETY IMPACTS OF NANOTECHNOLOGY: CURRENT STATUS OF PLANNING ANDIMPLEMENTATION UNDER THE NATIONALNANOTECHNOLOGY INITIATIVE,OCTOBER 31, 2007* -- INTRODUCTION -- SUCCESSFUL COORDINATION -- COMPREHENSIVE PLANNING AND GUIDANCE -- Step One - Identify Research Needs -- Step Two - Prioritize Research Needs -- Step Three - Obtain a Snapshot of the Government Portfolio OfEHS Research in Categories Identified in Step One -- Step Four - Analyze Data from OMBon EHS Research Portfolio -- Step Five - Provide Research Strategy Document as Guidance -- LEVERAGING FOREFRONT SCIENCETHROUGH COLLABORATION -- International Coordination and Collaboration -- CONCLUSION -- APPENDIX A. HOW THE INTERAGENCY PROCESSHELPS INDIVIDUAL AGENCIES -- The Consumer Product Safety Commission (CPSC) -- U.S. Food and Drug Administration -- Department of Energy (DOE) -- U.S. Environmental Protection Agency -- U.S. Geological Survey -- The Nanotechnology Characterization Laboratory (NCL) -- National Institute for Occupational, Safety and Health (NIOSH) -- The National Institute of Standards and Technology (NIST) -- National Institutes of Health (NIH) -- National Science Foundation (NSF) -- APPENDIX B. INITIAL ANALYSIS OF OMB'S CALL FORFY2006 DATA ON RESEARCH IN FIVE CATEGORIES OFNNI RESEARCH NEEDS DOCUMENT -- REFERENCES -- INDEX -- Blank Page.

Sommario/riassunto

Nanotechnology -- a term encompassing nanoscale science, engineering, and technology -- is focused on understanding, controlling, and exploiting the unique properties of matter that can emerge at scales of one to 100 nanometers. A key issue before Congress regarding nanotechnology is how best to protect human health, safety, and the environment as nanoscale materials and products are researched,developed, manufactured, used, and discarded. While the rapidly emerging field of nanotechnology is believed by many to offer significant economic and societal benefits, some research results have raised concerns about the potential adverse environmental, health, and safety (EHS) implications of nanoscale materials.Potential detrimental effects of nanoscale materials and devices -- both real and perceived -- must be addressed to protect and improve human health, safety, and the environment; enable accurate and efficient risk assessment, risk management, and cost-benefit trade-offs; foster innovation and public confidence; and ensure that society can enjoy the widespread economic and societal benefits that nanotechnology may offer. This new book examines those issues.